

**Notice of Allowability**

Application No.

10/772,607

Examiner

Kiran B. Patel

Applicant(s)

GUILLES, MELVIN J.

Art Unit

3612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/27/05.
2. ☒ The allowed claim(s) is/are 14-18, 20, 21 and 23-26.
3. ☒ The drawings filed on 05 February 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 8.26.04
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

*hc*

**Examiner's Amendment and**  
**Examiner's Statement of Reasons for Allowance**  
*Allowance*

1. An Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this Examiner's amendment was given in a telephone interview with Mr. Kleinheksel.

2. The claims have been amended to read as follows:

1. through 13. (Canceled)

14. A one-piece vehicle door beam comprising:

an elongated beam portion having opposite ends, said beam portion including a lateral middle portion and first and second lateral portions extending therefrom, each said lateral portion including a perpendicular portion perpendicular to said middle portion and a transition portion curving continuously from said

middle portion to said perpendicular portion, said first and second lateral portions terminating in first and second lateral edges, said first lateral portion shaped so that said first lateral edge abuts said middle portion, said second lateral portion shaped so that said second lateral edge abuts said middle portion, said perpendicular portions engaging each other, said first and second lateral edges being connected along their lengths to said middle portion; and

first and second brackets unitary with and extending from said beam portion, said brackets adapted for attachment to a vehicle door.

15. The vehicle door beam as defined in claim 14 wherein said first and second lateral portions are of similar size and shape.

16. The vehicle door beam as defined in claim 14 wherein said first and second lateral portions are connected to one another along a line separate from said first and second lateral edges.

17. A vehicle door beam comprising:  
an elongated beam portion having opposite ends, said beam portion including a first lateral portion having a first lateral edge abutting said beam portion, said first lateral edge welded along its longitudinal extent to said beam portion to form at least part of a first closed configuration, said beam portion

further including a second lateral portion having a second lateral edge abutting said beam portion, said second lateral edge welded along its longitudinal extent to said beam portion to form at least part of a second closed configuration; and

a pair of bracket portions extending from the opposite ends of said elongated beam portion and adapted for attachment to a vehicle door.

18. The vehicle door beam as defined in claim 17 wherein said beam portion and said bracket portions are parts of a single unitary piece.

19. (Canceled)

20. The vehicle door beam as defined in claim 18 wherein:  
said beam portion includes a lateral center portion; and  
said first and second lateral edges abut said beam portion at said lateral center portion.

21. The vehicle door beam as defined in claim 18 wherein said first and second lateral portions are connected to one another along a line separate from said first and second lateral edges.

22. (Canceled)

23. The vehicle door beam as defined in claim 17 wherein:

said beam portion includes a web and a leg, said leg having first and second leg edges, said first leg edge connected to said web, said leg forming part of both of said first and second closed configurations.

24. The vehicle door beam as defined in claim 23 wherein said first and second lateral edges are connected to said second leg edge.

25. A vehicle door beam as defined in claim 23 wherein said first lateral edge is connected to said second leg edge.

26. A vehicle door beam as defined in claim 17 wherein said first and second lateral portions are separate pieces connected to one another.


3. The following is an Examiner's statement of reasons for allowance:

The primary reason for the allowance of the claims in this case, is the inclusion of the limitation "an elongated beam portion having opposite ends, said beam portion including a lateral middle portion and first and second lateral portions extending therefrom, each said lateral portion including a perpendicular portion perpendicular to said middle portion and a transition portion curving continuously from said middle portion to said perpendicular portion, said first and second lateral portions terminating in first and second lateral edges, said first lateral portion

shaped so that said first lateral edge abuts said middle portion, said second lateral portion shaped so that said second lateral edge abuts said middle portion, said perpendicular portions engaging each other, said first and second lateral edges being connected along their lengths to said middle portion" in the independent claim, in combination with the other recited limitations in claims supported by this application, which are not found in the prior art of record.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications should be directed to Primary Examiner Kiran B. Patel whose telephone number is 571-272-6665. The examiner can normally be reached on M-F from 8:00 to 5:00. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

  
Kiran B. Patel, P. E.  
Primary Examiner  
Art Unit 3612  
July 6, 2005